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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: M.P. Galligan et al : GROUP ART UNIT: 1754  
SERIAL NO: 09/923,216 09/293216 v.p :  
FILING DATE: April 16, 1999 : EXAMINER: N.M. Nguyen  
TITLE: CATALYST MEMBERS HAVING :  
ELECTRIC ARC SPRAYED SUBSTRATES : ATTY DKT: 4339/4358A  
AND METHODS OF MAKING THE SAME : (P-1572-1)

**RESPONSE TO OFFICE ACTION**

Assistant Commissioner for Patents  
Washington, DC 20231

RECEIVED  
MAY 30 2001  
TECHNOLOGY CENTER  
May 21, 2001

Dear Sir:

This paper is responsive to the office action mailed December 19, 2000 in which claims 1-21 and 34-39 were withdrawn from consideration and claims 22-33 and 40-45 were rejected under 35 USC 102 and 35 USC 103.

Please amend the above-captioned application as follows.

**In The Claims**

Without prejudice to the invention therein defined, and reserving the right to present the claims in a divisional application, cancel withdrawn claims 1-21 and 34-39.

The following amended claims are submitted. A copy of these claims showing the amendments by brackets and underlining is attached to this paper.

22. (Amended) A method for manufacturing a catalyst member comprising:  
depositing by electric arc spraying a metal feedstock onto an open carrier substrate  
of reticulate configuration, to provide a metal anchor layer of the substrate, and  
depositing a catalytic material onto the anchor layer.

23. (Amended) The method of any one of claims 22, 27, 40, 46 and 47 comprising  
depositing the catalytic material by means other than electric arc spraying.